इंटरनेट मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

"जानने का अधिकार, जीने का अधिकार"
Mazdoor Kisan Shakti Sangathan
"The Right to Information, The Right to Live"

"पुराने को छोड नये के तरफ"
Jawaharlal Nehru
"Step Out From the Old to the New"

IS 7584 (1975): Reference Food Colour Boxes [FAD 8: Food Additives]

"ज्ञान से एक नये भारत का निर्माण"
Satyanarayan Gangaram Pitroda
"Invent a New India Using Knowledge"

Act Number 22 of 2005
The Indian Parliament
RIGHT TO INFORMATION

Made Available By
Public.Resource.Org

"ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है"
Bhartṛhari—Nītiśatakam
"Knowledge is such a treasure which cannot be stolen"

BLANK PAGE

BRUTUM FULMEN

IGNORANTIA JURIS NON EXCUSAT

PROTECTED BY COPYRIGHT

Indian Standard

SPECIFICATION FOR REFERENCE FOOD COLOUR BOXES

(First Reprint FEBRUARY 1997)

UDC 664.099.62

© *Copyright* 1975

BUREAU OF INDIAN STANDARDS
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG
NEW DELHI 110002

Gr 2 *April* 1975

Indian Standard

SPECIFICATION FOR REFERENCE FOOD COLOUR BOXES

Food Additives Sectional Committee, AFDC 19

Chairman	*Representing*
DR K. K. G. MENON	Hindustan Lever Limited, Bombay
Members	
DR M. J. MULKY (*Alternate* to Dr K. K. G. Menon)	
CHAIRMAN	Technical Standardization Committee (Foodstuffs) (Ministry of Agriculture), New Delhi
SECRETARY (*Alternate*)	
DR J. D. CONTRACTOR	Coca-Cola Export Corporation, New Delhi; *and* All India Food Preservers' Association (Regd), New Delhi
SHRI P. C. VIN (*Alternate*)	Coca-Cola Export Corporation, New Delhi
SHRI Y. K. KAPUR (*Alternate* I)	All India Food Preservers' Association (Regd), New Delhi
DR S. D. DHARKAR (*Alternate* II)	
DIRECTOR	Central Food Laboratory, Calcutta
DIRECTOR OF LABORATORIES	Directorate of Marketing & Inspection (Ministry of Agriculture), Faridabad
SHRI K. L. CHATTERJI (*Alternate*)	
DRUGS CONTROLLER (INDIA)	Ministry of Health & Family Planning, New Delhi
DEPUTY DRUGS CONTROLLER (INDIA) (*Alternate*)	
GOVERNMENT ANALYST	King's Institute, Madras
SHRI JOGINDER SINGH	Directorate General of Technical Development, New Delhi
DR K. S. TIWARI (*Alternate*)	
JOINT COMMISSIONER (DD)	Ministry of Agriculture, New Delhi
DEPUTY COMMISSIONER (DD) (*Alternate*)	
SHRI S. M. MAHESHWARI	Indian Confectionery Manufacturers' Association, New Delhi
SHRI H. A. SHAH (*Alternate*)	
SHRI S. M. MEHTA	Atul Products Ltd, Atul
SHRI M. V. DESAI (*Alternate*)	

(*Continued on page* 2)

© *Copyright* 1975
BUREAU OF INDIAN STANDARDS

This publication is protected under the *Indian Copyright Act* (XIV of 1957) and reproduction in whole or in part by any means except with written permission of the publisher shall be deemed to be an infringement of copyright under the said Act.

(*Continued from page* 1)

Members	*Representing*
SHRI F. G. T. MENEZES	Directorate of Sugar & Vanaspati, New Delhi
SHRI K. M. NAIR	Bush Boake Allen (India) Ltd, Madras
SHRI K. S. SUBRAMANIYAM (*Alternate*)	
DR K. M. NARAYANAN	National Dairy Research Institute (ICAR), Karnal
DR C. P. ANANTAKRISHNAN (*Alternate*)	
OFFICER-IN-CHARGE (CFP)	Forest Research Institute & Colleges, Dehra Dun
DR J. M. RANE	Hickson & Dadajee Ltd, Bombay
SHRI H. V. DHARWARKAR (*Alternate*)	
SHRI N. RANGASWAMY	Glaxo Laboratories (India) Limited, Bombay
DR V. S. MOHAN (*Alternate*)	
SHRI B. B. SARDESHPANDE	Corn Products Company (India) Private Ltd, Bombay
SHRI S. R. PALEKAR (*Alternate*)	
DR L. V. L. SASTRY	Central Food Technological Research Institute (CSIR), Mysore
DR A. G. MATHEW (*Alternate*)	
SECRETARY	Central Committee for Food Standards (Ministry of Health & Family Planning), New Delhi
DR T. V. SUBBAIAH	Indian Chemical Manufacturers' Association, Calcutta
SHRI C. N. SHAH (*Alternate*)	
SHRI L. WUNNINK	Naarden (India) Ltd, Bombay
SHRI S. B. SULE (*Alternate*)	
DR HARI BHAGWAN, Director (Agri & Food)	Director General, ISI (*Ex-officio Member*)

Secretary

SHRI V. S. MATHUR
Deputy Director (Agri & Food), ISI

Food Colours and Flavours Subcommittee, AFDC 19 : 1

Convener

DR P. K. DATTA	All India Institute of Hygiene & Public Health Calcutta

Members

SHRI S. D. BHARDWAJ	Ajanta Chemical Industries, New Delhi
SHRI KAPIL DEV (*Alternate*)	
DR J. D. CONTRACTOR	Coca-Cola Export Corporation, New Delhi
DIRECTOR	Central Food Laboratory, Calcutta
GOVERNMENT ANALYST	King's Institute, Madras
DR M. K. JAIN	National Dairy Research Institute (ICAR), Karnal
SHRI S. M. MEHTA	Atul Products Ltd, Atul
SHRI M. V. DESAI (*Alternate*)	
DR K. K. G. MENON	Hindustan Lever Limited, Bombay
SHRI K. M. NAIR	Bush Boake Allen (India) Ltd, Madras
SHRI K. S. SUBRAMANIYAM (*Alternate*)	

(*Continued on page* 5)

(*Continued from page* 2)

Members	*Representing*
SHRI NAVINCHANDRA R. SHAH DR V. K. MEHTA (*Alternate*)	Devarsons Private Ltd, Ahmedabad
DR J. M. RANE SHRI H. V. DHARWARKAR (*Alternate*)	Hickson & Dadajee Ltd, Bombay
SHRI B. B. SARDESHPANDE SHRI S. R. PALEKAR (*Alternate*)	Corn Products Company (India) Private Ltd, Bombay
DR L. V. L. SASTRY	Central Food Technological Research Institute (CSIR), Mysore
SECRETARY	Central Committee for Food Standards (Ministry of Health & Family Planning), New Delhi
SHRI L. WUNNINK SHRI S. B. SULE (*Alternate*)	Naarden (India) Ltd, Bombay

AMENDMENT NO. 1 OCTOBER 1977

TO

IS:7584-1975 SPECIFICATION FOR REFERENCE FOOD COLOUR BOXES

Alterations

(*Page 3, clause 2.1, line 1*) - Substitute '20 g, *Min*' *for* '20 g'.

(*Page 3, clause 2.3, line 3*) - Substitute '40 g, *Min*' *for* '40 g'.

(*Pages 3 and 4, clause 2.4, line 2 from bottom*) - Substitute the following for the existing matter:

'IS:6029-1977 Green S, food grade (*first revision*)'.

(*Page 4, clause 2.5*) - Delete.

Addenda

(*Pages 3 and 4, clause 2.4*) - Add the following note after the clause:

'Note - The food colours manufactured at present in the country may be kept in boxes.'

[*Page 4, clause 3.1 (f)*] - Add the following matter after (f):

'g) Mass in g of the colour.'

(AFDC 19)

Reprography Unit, ISI, New Delhi

Indian Standard

SPECIFICATION FOR REFERENCE FOOD COLOUR BOXES

0. FOREWORD

0.1 This Indian Standard was adopted by the Indian Standards Institution on 25 February 1975, after the draft finalized by the Food Additives Sectional Committee had been approved by the Agricultural and Food Products Division Council.

0.2 IS : 6120-1971* specifies a method of identification of constituent dyes and two methods for quantitative estimation of total dye content. For this purpose, the methods given in IS : 6120-1971* necessitate the use of standard food colours. Therefore, with a view to making available such standard food colours to the testing laboratories it was felt necessary to have reference food colour boxes. Such a measure, the technical committee felt, would ensure obtaining of uniform results of analysis and their proper interpretation. It is expected that this standard would facilitate fabrication of the reference food colour boxes.

1. SCOPE

1.1 This standard prescribes requirements for reference food colour boxes.

2. REQUIREMENTS

2.1 General — The reference food colour box shall contain a 20 g sample each of the food colours permitted under the Prevention of Food Adulteration Rules, 1955. The samples of food colours in all the boxes prepared at one time shall, as far as possible, be from a single batch of manufacture.

2.2 The box shall be made of plastic or from well seasoned wood. Each box shall have provision for keeping not less than twelve samples of reference food colour bottles.

2.3 The bottles shall be made of good quality amber glass or of opaque plastic and shall have well fitted cap made of plastic or any other suitable material. Capacity of each bottle shall be 40 g. In addition to the food colour, the bottle may contain 20 g of coloured silica gel in cheese cloth.

2.4 Colours — The samples of food colours contained in the bottles shall conform to the following Indian Standard specifications:

IS : 1694-1974 Tartrazine, food grade (*first revision*)

IS : 1695-1974 Sunset yellow, FCF, food grade (*first revision*)

*Method of Test for total dye content in food colour preparations.

IS : 1696-1974	Amaranth, food grade (*first revision*)
IS : 1697-1974	Erythrosine, food grade (*first revision*)
IS : 1698-1974	Indigo carmine, food grade (*first revision*)
IS : 2558-1974	Ponceau 4R, food grade (*first revision*)
IS : 2923-1974	Carmoisine, food grade (*first revision*)
IS : 2924-1974	Fast red E, food grade (*first revision*)
IS : 6022-1971	Fast green FCF, food grade
IS : 6029-1971	Wool green BS, food grade
IS : 6406-1971	Brilliant blue FCF, food grade

2.5 Chromatogram — Colour boxes may also contain following information relating to the respective food colours:

a) Chromatogram;

b) Total spectra, including ultra violet, infra-red and visible spectra; and

c) Any other data of the colour.

3. MARKING

3.1 Each colour bottle shall bear a label giving the common name of the food colour and batch or code number. The following information relating to each of the food colours shall be given on a card:

a) Common name of the colour,

b) Chemical name of the colour,

c) Colour index number (1956),

d) Structural formula,

e) Total analytical data of the colour, and

f) Batch or code number.

3.2 Each colour box shall be marked with the following:

a) The words 'Reference Food Colour Box', and

b) Name and address of the manufacturer.

3.3 BIS Certification Marking

The product may also be marked with Standard Mark.

3.3.1 The use of the Standard Mark is governed by the provisions of Bureau of Indian Standards Act, 1986 and the Rules and Regulations made thereunder. The details of conditions under which the licence for the use of Standard Mark may be granted to manufacturers or producers may be obtained from the Bureau of Indian Standards.

BUREAU OF INDIAN STANDARDS

Headquarters:
Manak Bhavan, 9 Bahadur Shah Zafar Marg, NEW DELHI 110002
Telephones: 323 0131, 323 8375, 323 9402
Fax : 91 11 3234062, 91 11 3239399

Telegrams : Manaksanstha
(Common to all Offices)

	Telephone
Central Laboratory :	
Plot No. 20/9, Site IV, Sahibabad Industrial Area, Sahibabad 201010	8-77 00 32
Regional Offices:	
Central : Manak Bhavan, 9 Bahadur Shah Zafar Marg, NEW DELHI 110002	323 76 17
*Eastern : 1/14 CIT Scheme VII M, V.I.P. Road, Maniktola, CALCUTTA 700054	337 86 62
Northern : SCO 335-336, Sector 34-A, CHANDIGARH 160022	60 38 43
Southern : C.I.T. Campus, IV Cross Road, CHENNAI 600113	235 23 15
†Western : Manakalaya, E9, Behind Marol Telephone Exchange, Andheri (East), MUMBAI 400093	832 92 95
Branch Offices::	
'Pushpak', Nurmohamed Shaikh Marg, Khanpur, AHMEDABAD 380001	550 13 48
‡Peenya Industrial Area, 1st Stage, Bangalore-Tumkur Road, BANGALORE 560058	839 49 55
Gangotri Complex, 5th Floor, Bhadbhada Road, T.T. Nagar, BHOPAL 462003	55 40 21
Plot No. 62-63, Unit VI, Ganga Nagar, BHUBANESHWAR 751001	40 36 27
Kalaikathir Buildings, 670 Avinashi Road, COIMBATORE 641037	21 01 41
Plot No. 43, Sector 16 A, Mathura Road, FARIDABAD 121001	8-28 88 01
Savitri Complex, 116 G.T. Road, GHAZIABAD 201001	8-71 19 96
53/5 Ward No.29, R.G. Barua Road, 5th By-lane, GUWAHATI 781003	54 11 37
5-8-56C, L.N. Gupta Marg, Nampally Station Road, HYDERABAD 500001	20 10 83
E-52, Chitaranjan Marg, C-Scheme, JAIPUR 302001	37 29 25
117/418 B, Sarvodaya Nagar, KANPUR 208005	21 68 76
Seth Bhawan, 2nd Floor, Behind Leela Cinema, Naval Kishore Road, LUCKNOW 226001	23 89 23
Patliputra Industrial Estate, PATNA 800013	26 23 05
T.C. No. 14/1421, University P. O. Palayam, THIRUVANANTHAPURAM 695034	6 21 17
Inspection Offices (With Sale Point) :	
Pushpanjali, 1st Floor, 205-A, West High Court Road, Shankar Nagar Square, NAGPUR 440010	52 51 71
Institution of Engineers (India) Building 1332 Shivaji Nagar, PUNE 411005	32 36 35

---

*Sales Office is at 5 Chowringhee Approach, P.O. Princep Street, CALCUTTA 700072	27 10 85
†Sales Office is at Novelty Chambers, Grant Road, MUMBAI 400007	309 65 28
‡Sales Office is at 'F' Block, Unity Building, Narashimaraja Square, BANGALORE 560002	222 39 71

Reprography Unit, BIS, New Delhi, India